General Catalog of

TANGIBLE APPARATUS

1956

ALL PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

AMERICAN PRINTING HOUSE FOR THE BLIND
1839 Frankfort Avenue
Louisville, Kentucky

General List of Tangible Apparatus

Note: Special descriptive brochures are included in this folder which give complete information on those items of tangible apparatus marked with an asterisk (*).

KINDERGARTEN

	Price	U. S. Postage
*Braille Clockface (to teach reading time). (6½" x 6½" x 1")	$ 2.50	$ .07
*Constructo Set No. 1 (Wooden Constructo Set consisting of 101 pieces of hard wood and wooden bolts to be used as an erector set). (Packed in wooden storage box) — Sold in complete sets only	39.00	.75
*Peg Board with Pegs (New Style):		
*Semi-rigid Vinyl Type Frame (See Cubarithm Arithmetic Slate below) — Frame only	2.00	.07
*Plastic Pegs (⅝" x ⅝" x ⅞"; hard blue vinyl plastic) — Per 150	1.50	.11
Squares of Cardboard Perforated for Sewing — Each	.03	.01
Squares of Cardboard Lined Off in Inch Squares for Parquetry Paper Work — Each	.03	.01

MATHEMATICS

*Arithmetic Type Slates:		
*Cubarithm Arithmetic Slate with Type:		
*Semi-rigid Vinyl Type Frame (employing Braille cubes; can also be used with 24-point Copperplate Gothic Type, and as a peg board with plastic pegs). (8½" x 7"; 16 x 16 cells, ⅝" x ⅝"; red color — Frame only	2.00	.07
*Braille Type Cubes (minimum type for each frame, 150 cubes). Cubes ⅝" x ⅝" x ⅝"; hard yellow vinyl plastic — Per set	2.50	.07
*24-point Copperplate Gothic Type (minimum type for each frame, 15 sets each Arabic numerals from 1 to 9 and 0—150 type, ⅝" x ⅝" x ⅞"; hard yellow vinyl plastic) — Per set	2.50	.07
*Taylor Arithmetic Type Slate with Type:		
*Taylor Slate (bright green aluminum; 12" x 7½" x ⅝"; 24 x 18 cells—six sided) — Frame only	5.50	.06
*Taylor Arithmetic Type (minimum type for each frame, 225 pieces, 3/16" x 3/16" x 11/16") — Per set	3.00	.07
*Graphic Aid for Mathematics (for the construction of mathematical figures and graphs). (Board 18" x 19" x 1", accompanied by a set of 3 flat spring wires, 14 plastic-headed push-pins and a supply of rubber bands) — Sold in complete sets only	10.00	.15
*Hoff Aid (upward-writing slate, with stylus, designed primarily for use in making mathematical calculations on paper). (Slate, 9¼" x 2⅛" x 1"; hinged metal line index paperfeed, 9¼" x ½"; stylus, regulation size. Slate provides for 16 braille lines, 30 cells to line, with maximum paper size of 8½" x 9½") — Sold in complete sets only	15.00	.16

TALKING BOOKS

Albums (designed to fit standard 12" Talking Book records only). **Shipping charges in all cases are additional:**

4-record album	$1.10	9-record album	$1.45
5-record album	1.15	10-record album	1.50
6-record album	1.20	11-record album	1.55
7-record album	1.30	12-record album	1.60
8-record album	1.35	13-record album	1.65

Containers (Standard black fibreboard containers to fit regulation Talking Book records):

Circulation Container (fitted with straps, windows, padding, mailing legend, etc. **Shipping charges additional** ..... **Per container** 2.05

Storage Containers (no hardware, straps, etc.) **Shipping charges additional** ..... **Per container** 1.20

Special (other than regulation size) ..... **Per container** 2.35

***Reproducers—Model L-5** (electrically-driven reproducer, geared for 3 speeds—33-1/3, 45 and 75 r.p.m.; dual sapphire needle cartridge which will play both old type wide-groove records and new micro-groove records; table model; speaker located in removable cover). **Shipping charges additional, express only** 60.00

Note-books, 175 + 13 = 188 Postpaid

MATHEMATICS

*Imout Game (educational game designed to give drill in the recognition of fractions of equal value; various parts printed in both Braille and large type so can be used by blind and partially visioned children). (Set consists of 20 cards, 6" x 9½", plus 150 "call numbers," plus approximately 120 pegs, plus box for holding "call numbers"). Packed in large cardboard box with instructions for playing ..... Per set	5.75	.17 .20
*Kine Mitply Vizr (designed for teaching multiplication tables, squares and cubes through No. 12). (11" x 11")	2.00	12 .07
*Mitchell Wire Forms with Matched Planes and Volumes (set of 15 solids, 11 planes, and 24 wire frames designed to illustrate the volumes, planes and outline forms commonly found in geometric problems, with corresponding figures in all three forms built to the same scale—cube is 3" x 3" x 3"). (Volumes made of hard wood, brightly painted in colors corresponding to those of their respective volumes; wire outlines fabricated from ⅛" cadmium-plated steel wire) .... Sold in complete sets only	35.00	.43 .55

WRITING

*Braille Slates (.090" x .090" x .250" x .400" spacing). One stylus is included with each slate:		.11
*Correcting Slate, 4 line, 37 cell (made of nickel alloy)	2.10	.06
*Desk Slate (large size), 4 line, 37 cell (made of nickel alloy) ..	4.10	.13 .08
*Desk Slate (small size), 4 line, 27 cell (made of nickel alloy) ..	3.25	.12 .07
*Pocket Slate, 4 line, 28 cell (made of aluminum in various colors).	2.00	.11 .06
*Brown Slate, 4 line, 27 cell (made of brown aluminum; a refinement of regulation pocket slate to which has been added an extra frame to hold the pins for mounting paper to make possible dropping open the bottom part of guide in order to read what has been written without taking paper out of slate itself) ...	2.80	.11 .06
*Postcard Slate, 4 line, 19 cell (made of dark blue aluminum) ...	1.65	.11 .06
*Perkins Braillers (machine 15½" x 9" x 5¾" overall in size, weighing 10 lbs.; maximum page size 11½" wide x 14" long, permitting the writing of 25 lines, 41 cells on a 11" page; dust cover furnished with each machine)	90.00	.47 .50
Script Letter Sheets (raised). Embossed on white Braille paper. .... Each	.03	.01
*Styli (one stylus is included with each slate; 2 sizes of handles, large for adults and small for young children) ..... Each	.12	.01
..... Per Dozen	1.25	.11 .06
*Spelling Frames with Words:		
*Frame (magnesium, 5" x 9", 5 lines) ..... Each	1.00	.11 .06
*Words (taken from "Unit Card Set" to accompany "Basic Reading Series"). 158 words per set, Braille grade 2 ..... Per Set	1.00	.11 .06

PAPER

13 Cents Braille Paper (standard weight, brown magazine paper, cut in sizes 8" x 12", 9" x 12", and 10" x 12" only). Can be supplied in small quantities only, and **never on quota accounts.** Packaged in units of 3 lbs. ..... Per package, including postage	1.00	
Embossed Pencil-writing Paper (white Braille paper, embossed with heavy guide lines ½" apart, padded, sheets 10¼" x 8¼"). Per 165, sheets, including postage	1.00	

WRITING

Large-type Writing Paper (buff-colored paper, printed with heavy green lines ¾" apart, sheets 9" x 12", unpadded; two types, lines running either long or short way of paper. **Postage additional as below. Per lb.** **.35**

Zones	1	2	3	4	5	6	7	8
Postage	.27	.27	.29	.31	.36	.40	.46	.51

GLOBES, PLAQUES, MAPS

(Shipping costs always in addition to prices quoted; shipment to be made either by freight or express)

***Relief Globe and Plaques:**

***Globe** (30" in diameter, overall height of 51"; hollow-plastic construction painted in contrasting blue and yellow to highlight sea and land areas, with brown stippling for mountainous areas; raised latitude and longitude lines; mounted on sturdy metal base which provides for easy revolving on a correctly-angled axis) ..... **Shipping charges additional** **225.00**

***Plaques** (thin plastic film reproductions of globe itself; 7 separate plaques, including North America, South America, Europe, Africa, Asia, Australia and the East Indies, and the North Arctic Regions) ..... **Each** **5.75** **.16**

***Plaque or Globe Kits** (thin, plastic Braille strips giving names of major oceans; gummed on back for sticking to globe or plaque) ..... **Per set** **.50** **.01**

***Maps:**

***Hard-rubber, Molded, Dissected, Relief Map—United States (only)**; similar to wooden relief map with latitude and longitude lines with Braille identifications in margins; 19¼" x 31¼") **135.00**

***Dissected Wooden Relief Maps** (states or countries enameled in various colors; large cities and capitals indicated by different kinds of nail heads):

Africa—(38" x 47") **330.00**
Asia—(42" x 47") **240.00**
Australia and the Philippines **240.00**
Europe—(36" x 42") **270.00**
North America—(38" x 47") **330.00**
South America—(38" x 51") **270.00**
United States—(38" x 47") (plastic model only) **280.00**

Dissected Wooden Maps (no relief; solid colors). (These maps are suggested for use as puzzle maps for recreation and general use):

Africa (38" x 47") **155.00**
Asia—(42" x 47") **180.00**
Europe—(38" x 47") **180.00**
North America—(38" x 47") **155.00**
South America—(38" x 51") **155.00**
United States—(30" x 48") **155.00**

For **special wooden dissected state maps**, write to the American Printing House for the Blind for further information.

AMERICAN PRINTING HOUSE FOR THE BLIND

INCORPORATED

1839 Frankfort Avenue

Louisville, Kentucky

Foreign Languages: Spanish

February 1, 1956

Ali Baba Y Los Cuarenta Ladrones. Arabian story. Editorial Tor. [1942]. (I.P.N.C.) II-IV. Pamph; 50 pp. 90

Alphabetical Vocabulary to the Linguaphone Spanish Conversational Course. Linguaphone Institute. [1945]. (Perkins). 2 v; 238 pp. 3.90

Antologia de Cuentos Espanoles: edited with exercises, notes and vocabulary. Hill and Buceta. Heath, 1923. [1948]. IX-X. (I.P.N.C.) 5 v; 574 pp. 9.75

Blanca Nieves Y Los Siete Enanitos. Grimm. Editorial Tor. [1942]. (I.P.N.C.) I-II. Pamph; 51 pp. 90

*__Camino Real, El: Books I-II__; 3rd ed. Jarrett and McManus. Houghton. [1955]: Interpt.:

*__Book One.__ 1953, 1942, 1946. IX. 10 v; 1415 pp. 33.50

*__Book Two.__ 1954, 1943, 1947. X. 10 v; 1565 pp. 38.00

Cenicienta, La. Perrault. Editorial Tor. [1942]. (I.P.N.C.) I-II. Pamph; 50 pp. .90

Clamor De Los Surcos, El; drama en tres actos. Ballester. Privately published, 1940. [1943]. (I.P.N.C.) 1 v; 141 pp. 2.25

Como Viven Los Ninos De Otras Razas. Medina. Editorial Ramon Sopena. [1942]. (I.P.N.C.) III-IV. 1 v; 98 pp. 1.65

Concise Spanish Grammar. Leavitt and Stoudemire. Holt, 1942. [1945]. (T.S.B.) 3 v; 403 pp. 6.75

Conversational Spanish for Beginners. LaGrone. Holt, 1944. [1945]. (T.S.B.) 4 v; 562 pp. 10.00

Corazon. Amicis. Jose Ballesta. [1945]. (I.P.N.C.) 2 v; 187 pp. 3.30

Crimen De La Calle Morgue, El, y otros cuentos (The Murders in the rue Morgue and other tales; texto integro, de acuerdo con el original); (Translated by A. J. Orderiz). Poe. Editorial Sopena, 1940. [1944]. (I.P.N.C.) Adult. 3 v; 503 pp. 7.50

Cuentecillos de Cristal. Enriqueta. Casa Editorial Araluce. [1942]. (I.P.N.C.) 1 v; 141 pp. 2.25

Current Spanish. Martinez. Paulist Press, 1941. [1943]. Adult. 2 v; 325 pp. 5.00

Despertar Un Pueblo, El. Polanco. Biblioteca de Autores Puertorriquenos, 1942. [1943]. (I.P.N.C.) Adult. 2 v; 299 pp. 5.00

Embrujo De Sevilla, El. Reyles. Espasa-Calpe-Argentina, 1941. [1943]. (I.P.N.C.) Adult. 4 v; 518 pp. 9.00

Espana Pintoresca; the life and customs of Spain in story and legend. Dorado. Ginn, 1917. [1946]. (I.P.N.C.) 5 v; 707 pp. 11.25

Esta Noche Juega El Joker; comedia dramatica en tres actos. Berdecia. Biblicteca de Autores Puertorriquenos, 1939. [1943]. (I.P.N.C.) 1 v; 139 pp. 2.25

Final De Norma, El. Alarcon. Editorial Tor. [1943]. (I.P.N.C.) 3 v; 376 pp. 6.75

Flor De Leyendas; lectures litererias para ninos. Casona. Espasa-Calpe-S.A., 1938. [1947]. (I.P.N.C.) 2 v; 255 pp. 4.50

Hermana San Sulpicio, La; edited with notes, exercises and vocabularly by J. M. Hill. Valdes. Heath, 1925. [1942]. (I.P.N.C.) 5 v; 758 pp. 12.50

Isla De Puerto Rico, La. Castambide Vega. Rand, 1941. [1947]. V-VI. (I.P.N.C.) 4 v; 513 pp..... 9.00

Juanita La Larga. Valera. Espasa-Calpe-Argentina, 1938. [1943]. (I.P.N.C.) Adult. 4 v; 521 pp..... 9.00

Jugando A Leer; libro de lectura. Gaztambide Vega. Ginn, 1939. [1947]. Interlined. (I.P.N.C.) I. 2 pamphs; 115 pp..... 2.00

Legends, Tales and Poems; edited with introduction, notes and vocabulary by Olmstead. Becquer. Ginn, 1907. [1947]. (I.P.N.C.) X-XI. 7 v; 869 pp..... 15.75

Libro Cuarto De Lectura. Dorado. Ginn, 1928, 1930. [1940]. (I.P.N.C.) IV 3 v; 399 pp..... 6.75

Libro Cuarto De Lectura. MacDermott and Juncos. Silver, 1944. [1945]. (I.P.N.C.) IV. 3 v; 466 pp..... 7.50

Libro Primero De Lectura. Acevedo y Dalmau. Ginn, 1921. [1942]. (I.P.N.C.) I. Pamph; 62 pp..... 1.00

Libro Segundo De Lectura. Acevedo y Dalmau. Ginn, 1924. [1942]. (I.P.N.C.) II. 1 v; 129 pp..... 2.25

Libro Tercero De Lectura. Aguayo. Cultural, S.A. 1918. [1947]. (I.P.N.C.) III. 2 v; 253 pp..... 4.50

Libro Tercero De Lectura. Arnold and Gilbert. Silver, 1944. [1945]. (I.P.N.C.) III. 2 v; 268 pp..... 4.50

Luis Munoz Riveria; a la luz de sus obras y de su vida, estudio biografico—critico—educativo. Ginorio. Heath, 1919. [1942]. (I.P.N.C.) 2 v; 232 pp..... 3.90

Luis Y Lola; lectura infantil. Craig. Ginn, 1935. [1945]. Interlined. (I.P.N.C.) I. Pamph; 58 pp..... 1.00

Marianela. Galdos. Espasa-Calpe-Argentina, 1941. [1943]. (I.P.N.C.) Adult. 3 v; 395 pp..... 6.75

Mejores Cuentos De Andersen, Los; narados para los ninos de habla espanola por Mendez. Andersen. Rand, 1925. [1945]. (I.P.N.C.) II-IV. 2 v; 209 pp... 3.90

Modern Spanish Grammar. Pittaro and Green. Heath, 1931. [1947]. (N.Y I.E.B.) IX-X. 8 v; 1238 pp..... 20.00

Neuvos Cuentos Contados; more twice-told tales for beginners. Pittaro. Heath, 1942. [1943]. X-Adult. 4 v; 528 pp..... 9.00

Paginas De Color De Rosa: libro de lectura para segundo ano. Agrait. Heath, 1928. [1945]. One-side. (I.P.N.C.) II. 2 v; 144 pp..... 5.60

Penas Arriba; texto integro, de acuerdo con el original. Pereda. Editorial Sopena, 1939. [1944]. (I.P.N.C.) Adult. 6 v; 924 pp..... 15.00

Poesias Completas De Gaspar Nunez De Arce. Editorial Sopena, 1938. [1944]. (I.P.N.C.) 4 v; 630 pp..... 10.00

Pulgarcito. Perrault. Editorial Tor. [1942]. (I.P.N.C.) Pamph; 48 pp..... .75

Quo Vadis. Sienkiewicz. (Traduccion directa de R. Basile). Editorial Sopena, 1939. [1944]. (I.P.N.C.) Adult. 10 v; 1688 pp..... 25.00

Seleccion De Leyendas Puertorriquenas Del Dr. Cayetano Coll Y Toste. Cuchi. Heath, 1932. [1945]. (I.P.N.C.) 2 v; 238 pp..... 4.50

Vamos A Ver! A Spanish workbook Leavitt and Stoudemire. Holt, 1936. [1945]. (T.S.B.) 2 v; 258 pp..... 4.50

AMERICAN PRINTING HOUSE FOR THE BLIND

INCORPORATED

1839 Frankfort Avenue

Louisville, Kentucky

Mental Tests and Measurements

February 1, 1956

Diagnostic Reading Tests. (Adapted for the blind by S. P. Hayes). Com. on Diagnostic Reading Test, 1952. [1955]:

Survey Section, Lower Level: Form A, Booklets I-II. IV-VI:

Braille Edition—2 pamphs; 65 pp. 1.20
Ink-print Edition 1.20

Survey Section, Upper Level: Form A. VII-Freshman-College:

Braille Edition—Pamph; 52 pp. 85
Ink-print Edition 85

Metropolitan Achievement Tests (Adapted for the Blind by S. P. Hayes). Allen, et al. World. [1951]:

Form T—1948:

Intermediate Battery. IV-VI:

Braille Edition—11 pamphs; 58 pp. . . . . **.15 per test; per set** 1.65
Ink-print Edition 85

Advanced Battery. VII-IX:

Braille Edition—11 pamphs; 58 pp. . . . . **.15 per test; per set** 1.65
Ink-print Edition 85

Form U—1949:

Intermediate Battery. IV-VI:

Braille Edition—11 pamphs; 58 pp. . . . . **.15 per test; per set** 1.65
Ink-print Edition 85

Advanced Battery. VII-IX:

Braille Edition—11 pamphs; 57 pp. . . . . **.15 per test; per set** 1.65
Ink-print Edition 85

Dot Sheets (2, 3, 4, and 5 choices separately) . . . . . **25 for** .50

Myers-Ruch High School Progress Tests. (Adapted for the blind by S. P. Hayes). Myers, et al. World Bk., 1936. IX-XII:

Form Am:

Braille Edition—[1943]. Pamph; 17 pp. 40
Ink-print Edition 35

Form Bm:

Braille Edition—[1943]. Pamph; 17 pp. 40
Ink-print Edition 35

Pintner General Ability Tests, Verbal Series. (Adapted for the blind by the Wisconsin School for the Blind). Pintner. World Bk.:

‡**Intermediate Test: Form A.** 1931, 1938. V-VIII:

Braille Edition—[1944]. Gr. 1½. 9 pamphs; 59 pp.
.15 per test; per set 1.35
Ink-print Edition 55

Advanced Test: Form A. 1938. IX-Adult:

Braille Edition—[1944]. 9 pamphs; 61 pp. . . . . **.15 per test; per set** 1.35
Ink-print Edition 55

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‡Embossed in Braille grade 1½

Sones-Harry High School Achievement Test: Form A. (Adapted for the blind for O. J. Hill and S. P. Hayes). Sones and Harry. World Bk., 1939. XII:

Braille Edition—[1943]. 4 pamphs; 74 pp..... **.40 per test; per set** 1.60

Ink-print Edition ..... .85

Stanford Achievement Tests: Form D-H. Kelley, et al. (Adapted for the Blind by S. P. Hayes). World, 1940. [1953]:

Form D:

Intermediate Battery Complete. IV-VI:

Braille Edition—10 pamphs; 70 pp..... **.15 per test; per set** 1.50

Ink-print Edition not available.

Advanced Battery Complete. VII-IX:

Braille Edition—10 pamphs; 68 pp..... **.15 per test; per set** 1.50

Ink-print Edition not available.

Form E:

Intermediate Battery Complete. IV-VI:

Braille Edition—10 pamphs; 69 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Advanced Battery Complete. VII-IX:

Braille Edition—10 pamphs; 71 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Form F:

Intermediate Battery Complete: IV-VI:

Braille Edition—10 pamphs; 70 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Advanced Battery Complete. VII-IX:

Braille Edition—10 pamphs; 70 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Form G:

Intermediate Battery Complete. IV-VI:

Braille Edition—10 pamphs; 68 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Advanced Battery Complete. VII-IX:

Braille Edition—10 pamphs; 71 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Form H:

Intermediate Battery Complete. IV-VI:

Braille Edition—10 pamphs; 67 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Advanced Battery Complete. VII-IX:

Braille Edition—10 pamphs; 70 pp..... **.15 per test; per set** 1.50

Ink-print Edition ..... .65

Dot Sheets .....**.25 for** .50

Ink-print Profile Charts for Forms D, E, F, G and H.....**.35 for** .35

Stanford Achievement Tests: Form J. Kelley, et al. (Adapted for the Blind by S. P. Hayes). World Bk., 1952. [1955]:

Primary Battery. I:

Braille Edition—4 pamphs; 23 pp..... **.25 per test; per set** 1.00

Ink-print Edition ... .

Elementary Battery. II-III:

Braille Edition—10 pamphs; 68 pp..... **.25 per test; per set** 2.50

Ink-print Edition .....

Intermediate Battery. IV-VI:

Braille Edition—19 pamphs; 131 pp..... **.25 per test; per set** **4.75**

Ink-print Edition .....

Advanced Battery. VII-IX:

Braille Edition—20 pamphs; 136 pp..... **.25 per test; per set** **5.00**

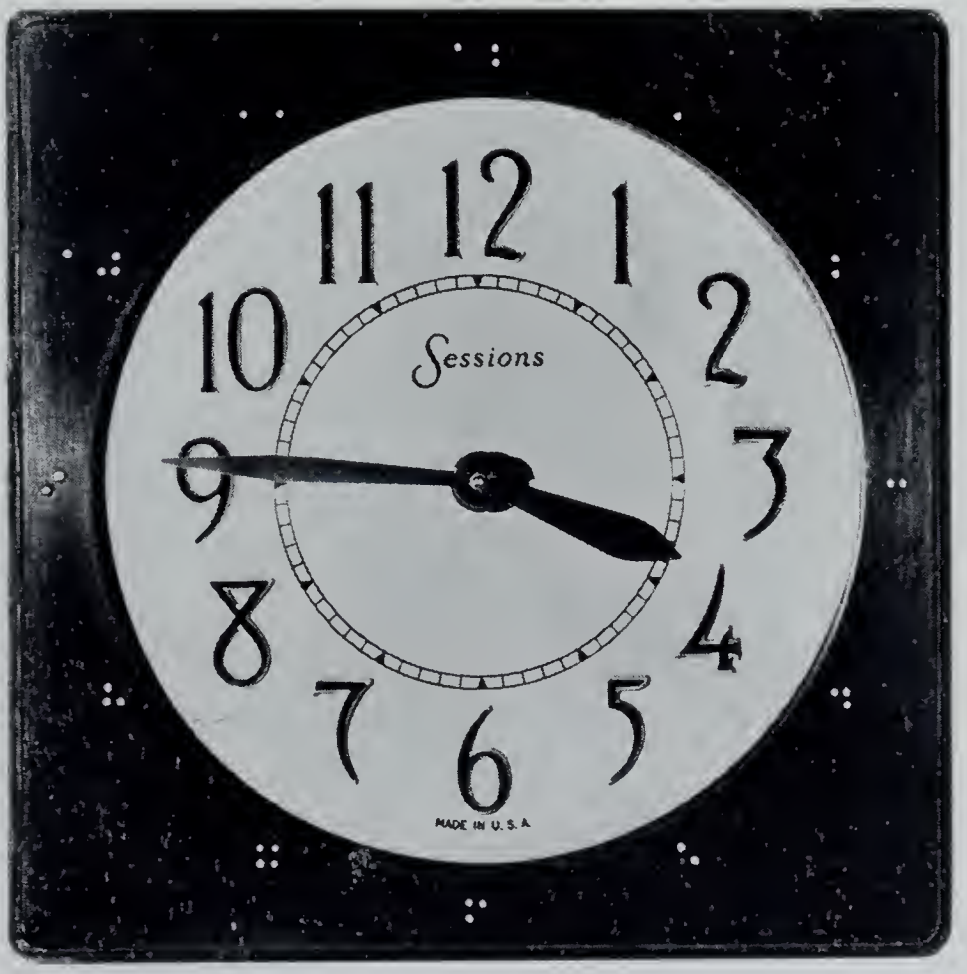
Ink-print Edition .....

Dot Sheets .....**.25 for** **.50**

CLOCKFACE

WITH

BRAILLE NOTATION



Manufactured by

The American Printing House For The Blind

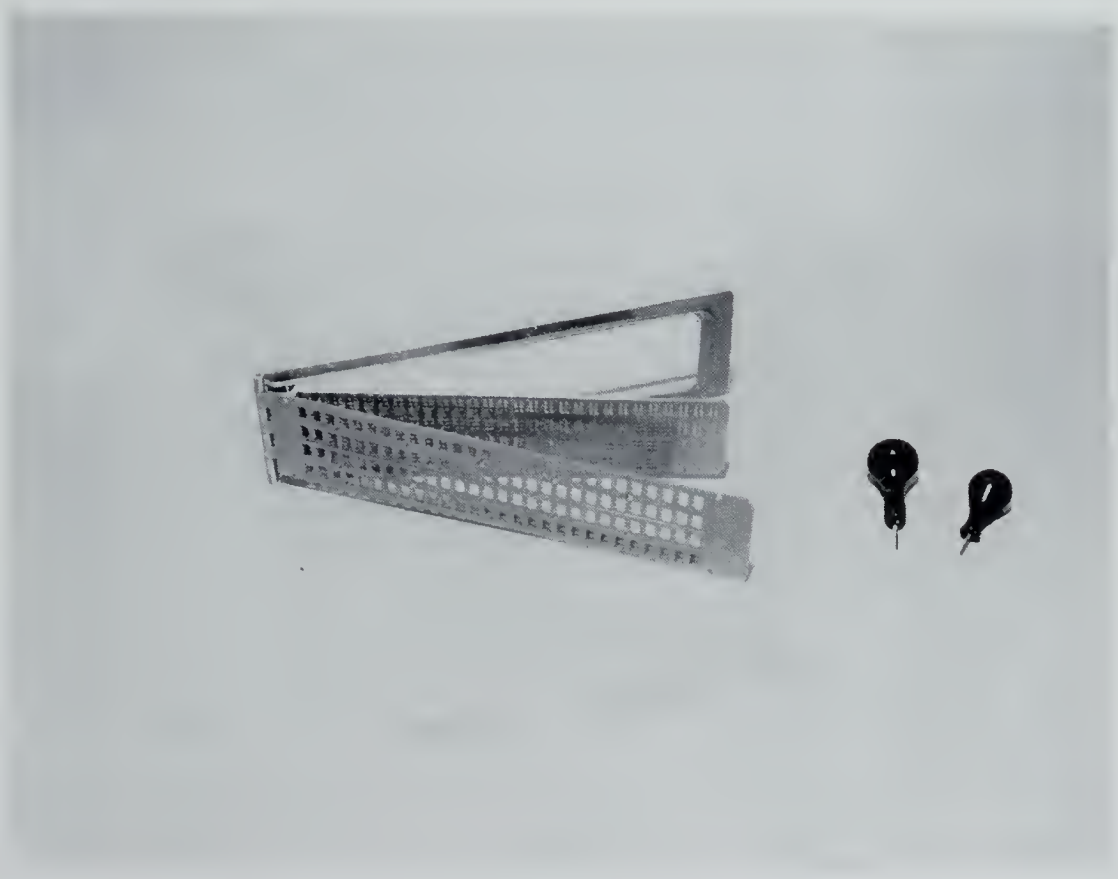
1839 Frankfort Avenue

Louisville 6, Kentucky

The Braille Clockface is an educational appliance designed for teaching blind children to learn to read time. It consists of a metal face, with movable hands geared in the regular manner (but without a motor or other driving mechanism) mounted in a black plastic frame 6½ inches x 6½ inches x 1 inch overall in size. The twelve numbers for the hours are in embossed form in both Braille and ink print, the Braille numbers being on the inside rim of the plastic case immediately outside the metal face, while the ink-print Arabic numerals are embossed on the clockface itself in figures about ¾ inch in height. This will enable blind children not only to learn to read time, but also to learn the shape of ink-print numbers. Because the hands are attached to regular clock gears inside the frame, the hour hand follows the minute hand in proper sequence as the latter is moved forward or backward into any desired position.

The price of the Braille Clockface is ~~$2.25~~ 2.50, plus ~~26~~ 7 cents postage and insurance in the United States — a total of ~~$2.51~~ 2.57 each.

The Brown Slate



Manufactured by

The American Printing House For The Blind

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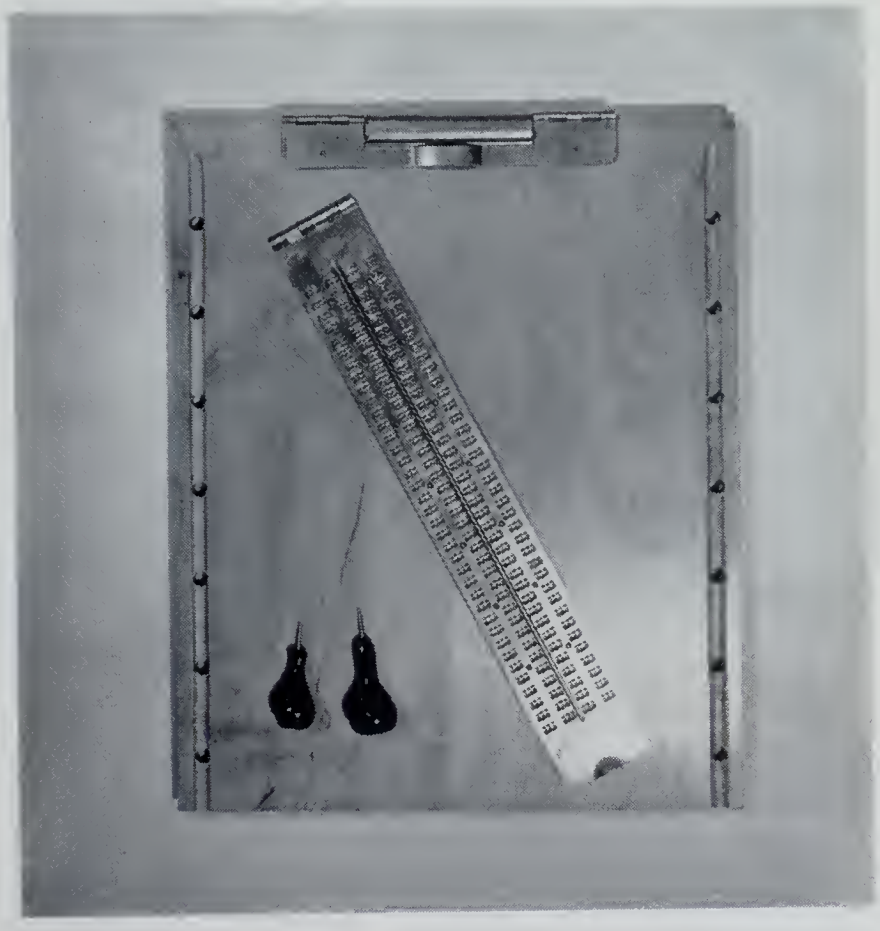
The Brown slate is a refinement of the regulation pocket slate to which has been added an extra frame to hold the pins for mounting the paper so that it is possible to drop open the bottom part of the guide and read what has been written without taking the paper out of the slate itself. (See photograph). The slate provides for 4 lines of writing, 28 cells each, and employs standard American Braille spacing—.090″ between adjacent dots within a cell vertically and horizontally; .250″ between horizontally adjacent dots of two adjacent cells within the same Braille line; and .400″ between vertically adjacent dots of two vertically adjacent cells of two adjacent Braille lines. The overall size of the slate is $8\frac{3}{8}$″x$2\frac{1}{4}$″. All slates are made of bronze-colored aluminum, and employ a regulation stylus.

Price (with stylus)—~~$2.41~~ 2.86, postpaid in the United States.

Braille Slates and Styluses



Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

DESCRIPTION

The Braille slate and stylus is the traditional device for writing Braille by hand. All slates consist of a metal frame (or guide), which may or may not be designed to be mounted on a solid board, and a pointed steel punch with a handle called a stylus. Each guide consists of two parts connected at the left end by a hinge. The face of the bottom of the guide is pitted with four lines of a series of six small, round depressions corresponding to the shape and spacing of the dots of the Braille cell. In order to guide the stylus in punching the dots, the top of the frame is punched with four lines of holes which outline the individual Braille cells and correspond to the arrangement of the pits in the bottom of the guide. To write on a slate, paper is inserted between the top and bottom of the guide, being held in place by small pins, and the Braille dots are punched downward into the paper, thus making it necessary to write from right to left in order that, when the paper is turned over in position for reading, the Braille characters can be read from left to right.

All slates manufactured at the American Printing House for the Blind employ standard American Braille spacing—.090″ between adjacent dots within a cell vertically and horizontally; .250″ between horizontally adjacent dots of two adjacent cells with the same Braille line; and .400″ between vertically adjacent dots of two vertically adjacent cells of two adjacent Braille lines. While the number of cells per line may vary with slates of different lengths, all slates manufactured by the Printing House

PURPOSE

Each slate is designed for a different purpose, as follows:

Desk or Board Slates: The large desk slate is designed for use where there is considerable writing to be done, as in school or by hand-transcribers. It will accommodate either a 10″x12″ or a 11″x11½″ page. The small desk slate is designed for use by small children with shorter arms, and uses an 8″x12″ sheet.

Slates Without Boards: The three slates which are not used with boards are designed to be used as follows: The large 37-cell correcting slate is used primarily by transcribers when correcting errors, since it is easier to move about on the page than the large desk slate. The 28-cell pocket slate is the universal slate used by blind persons for their own writing, school children and adults alike, since it is light in weight and easily slipped into a pocket or purse. The 19-cell postcard slate is designed for writing on small cards and sheets of paper, and

is even more portable than the pocket slate, although it permits of a very limited amount of writing at any one time.

PRICES

The prices of the five slates (each supplied with a stylus) are as follows, postpaid in the United States:

Large desk slate (37-cells, 4 lines—overall size 12¼" x 10¼", mounted on a wooden board with paper hinge at top; guide made of nickel alloy)—~~$3.93.~~ 4.18

Small desk slate (27-cells, 4 lines—overall size 12¼" x 7¾", mounted on a wooden board with paper hinge at top; guide made of nickel alloy)—~~$3.17.~~ 3.32

Correcting slate (37-cells, 4 lines—overall size 11¼" x 1¾"; guide made of nickel alloy) guide only—~~$2.01.~~ 2.16

Pocket Slate (28-cells, 4 lines—overall size 8¼" x 1¾": guide made of aluminum in a choice of six colors—red, light and dark green, light and dark blue, and black) guide only—~~$1.91.~~ 2.06

Postcard slate (19-cells, 4 lines—overall size 6" x 1¾": guide made of dark blue aluminum) guide only—~~$1.56.~~ 1.71

Styluses—either large or small handles (made with cadmium-plated, conically-ground steel points, handles painted with black enamel)—13c each, or $1.31 per dozen. (Unless otherwise specified, only the regular, large-handled stylus will be supplied).

Constructo Set No. 1

Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

The Wooden Constructo Set is an educational toy consisting of various lengths of hard wood (with holes bored at regular intervals) and a quantity of wooden nuts and bolts. This device is similar in design and purpose to the metal erector sets which have been available commercially for many years, but is of wooden construction and much larger in design to enable the blind child to handle the pieces effectively.

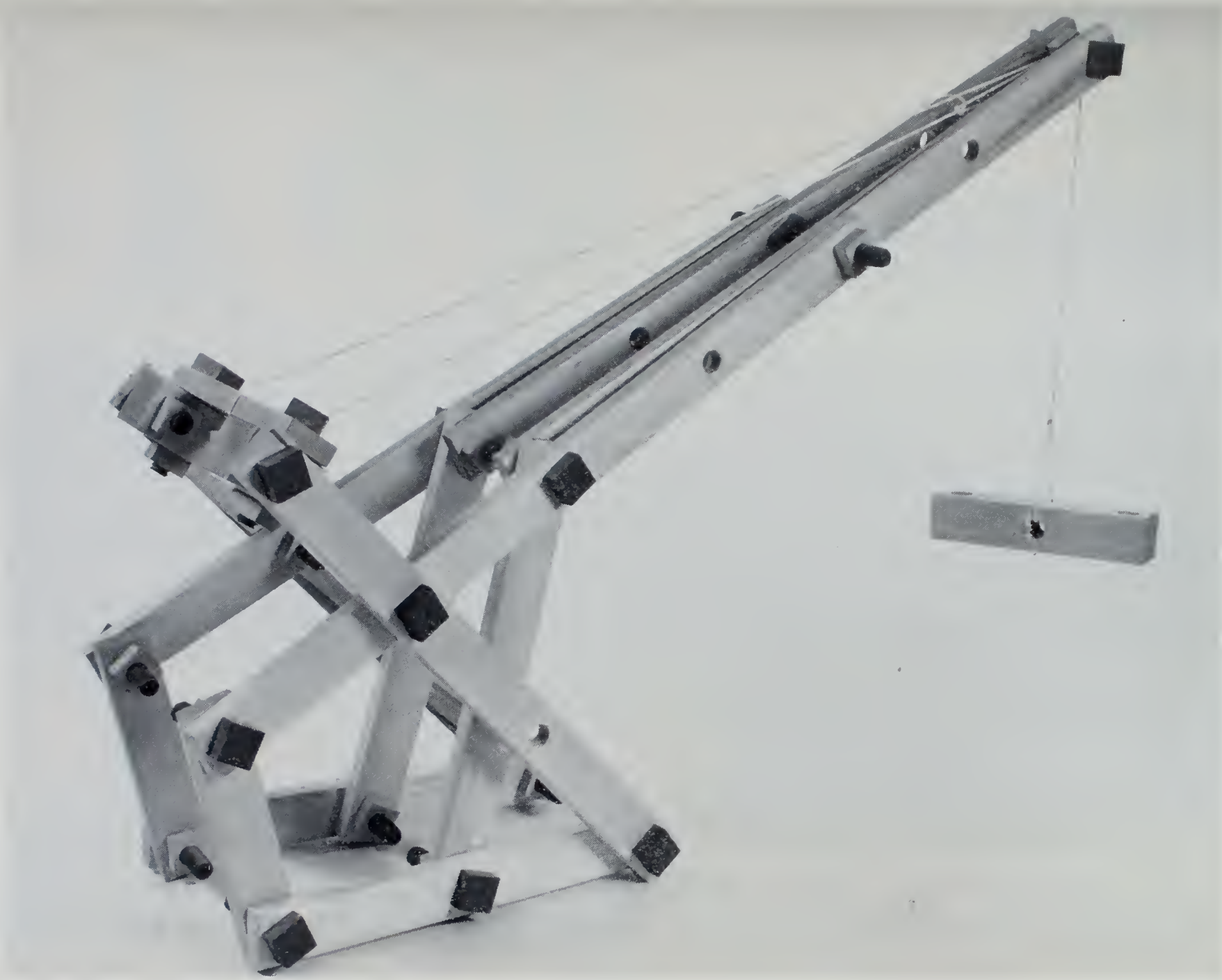
39.00

Set #1 is priced at ~~$35.00~~ (plus shipping charges and insurance on 45 pounds) and consists of the following items packed in a wooden storage box 8 x 11 x 33 inches in size:

8 wooden lengths ¾ x 2 x 30 inches
8 wooden lengths ¾ x 2 x 23 inches
10 wooden lengths ¾ x 2 x 16 inches
15 wooden lengths ¾ x 2 x 9 inches
6 right angle joints 2 x 2 x 2-⅞ inches
4 right angle joints 2 x 2 x 9 inches
50 wooden bolts ⅝-inch diameter, 4 inches long

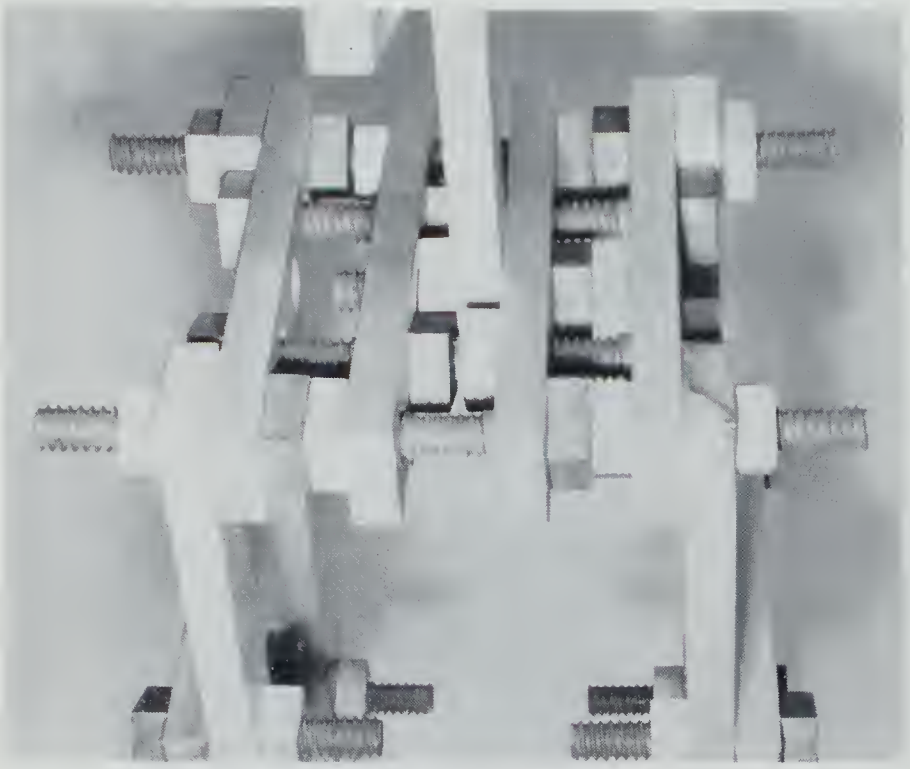
The purpose of this device is to give the blind child not only practice in the development of manual dexterity, but also to help him develop and train his creative abilities by assembling the pieces into various types of structures, such as bridges, derricks, windmills, chairs, and many other items, a few of which are suggested in the accompanying photographs.

Only Set #1, as listed above, is available at the present time, and is being sold in complete sets only.



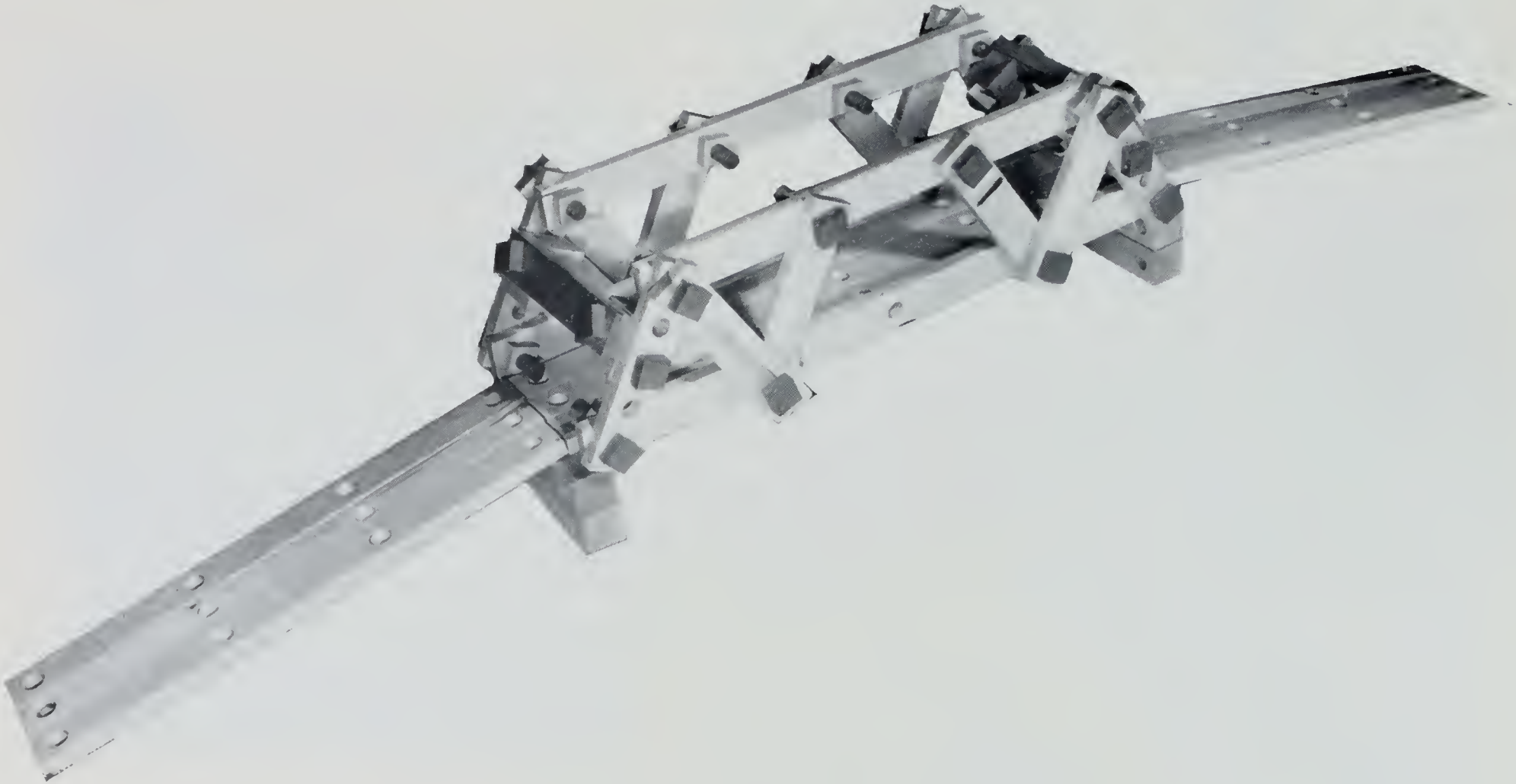
Crane

T.V. Tower

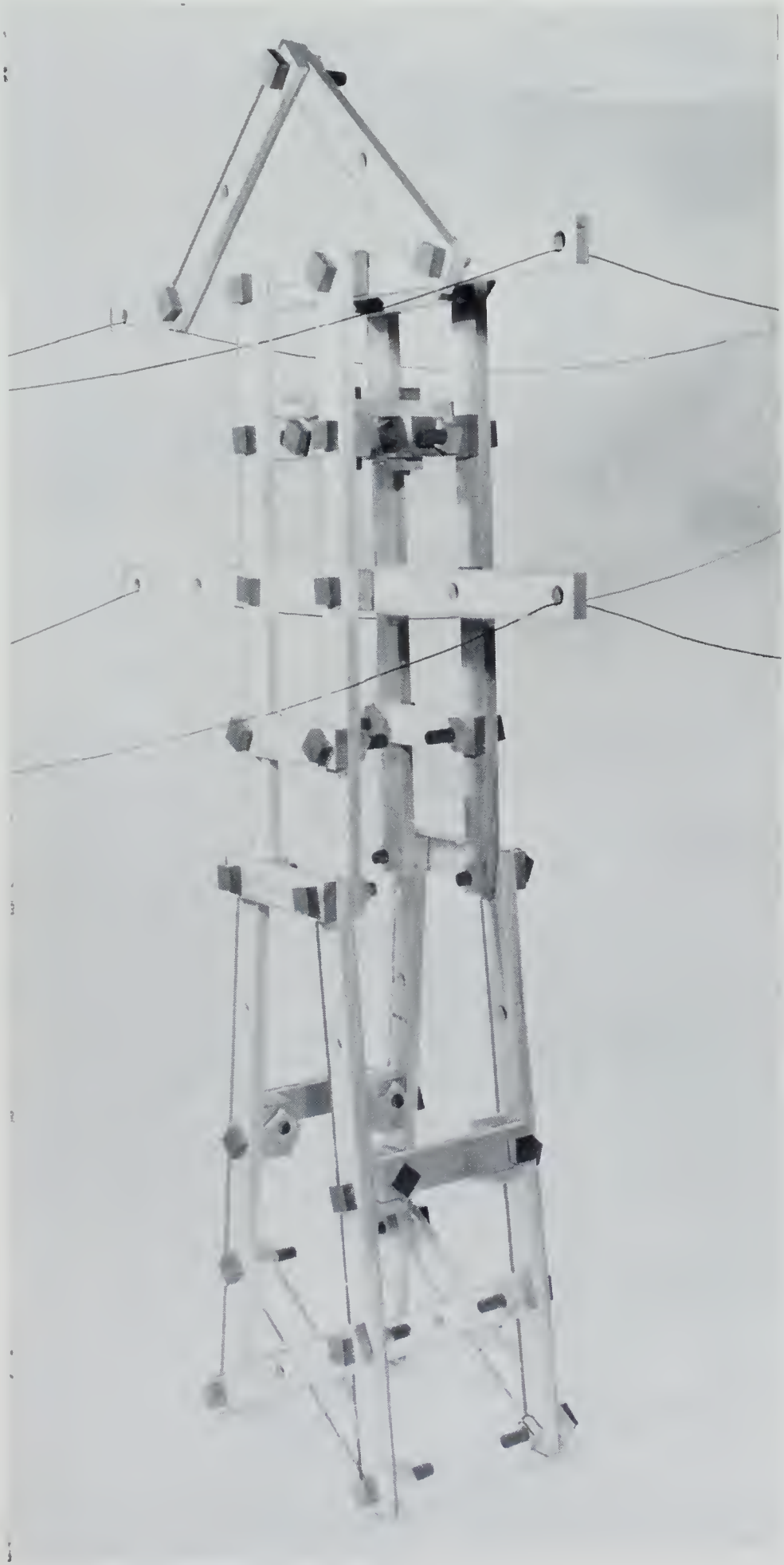


Construction Details on Top of T.V. Tower

Construction Details



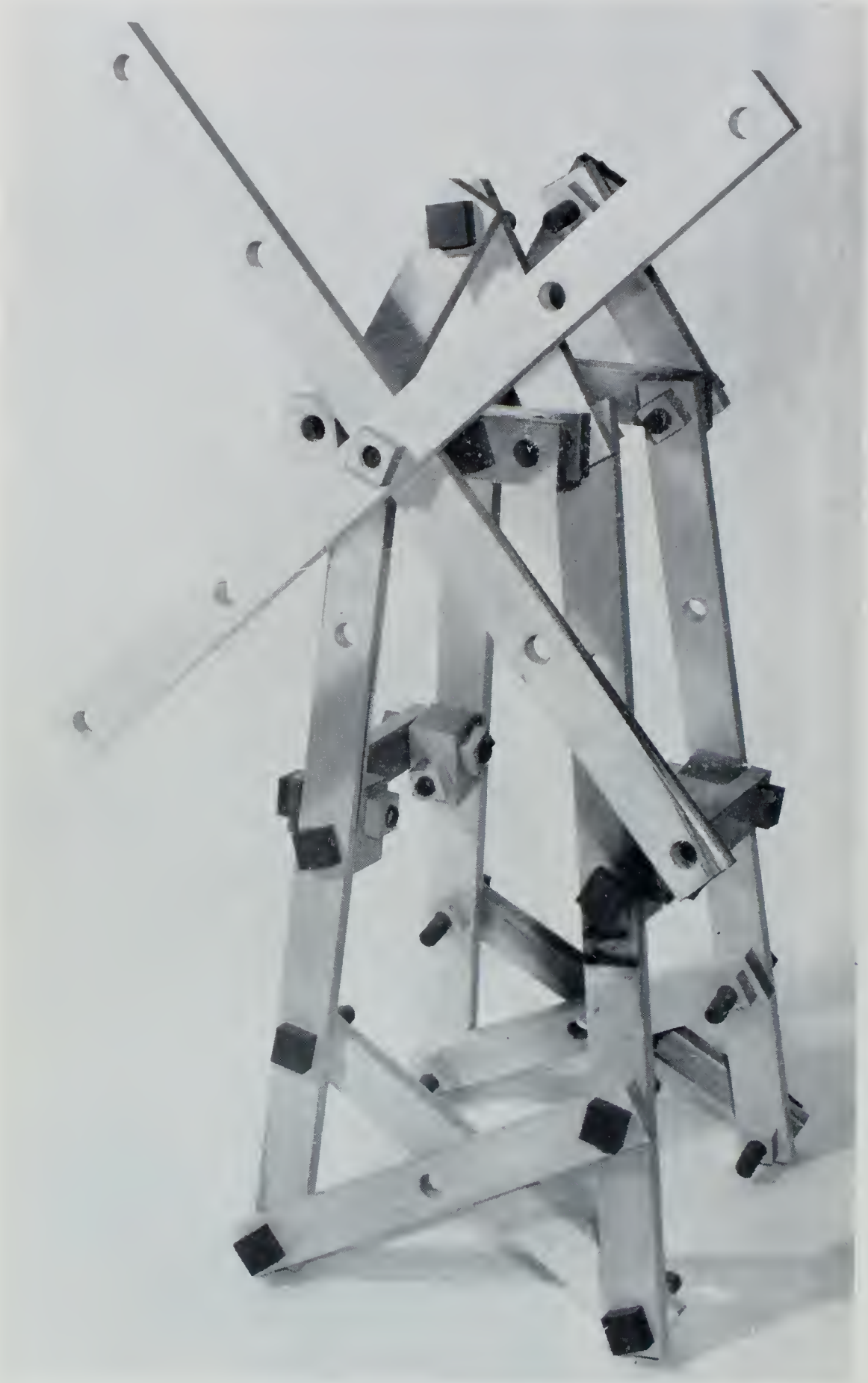
Bridge



High-Tension Tower

Railroad Semaphore

Railroad-Crossing Gate



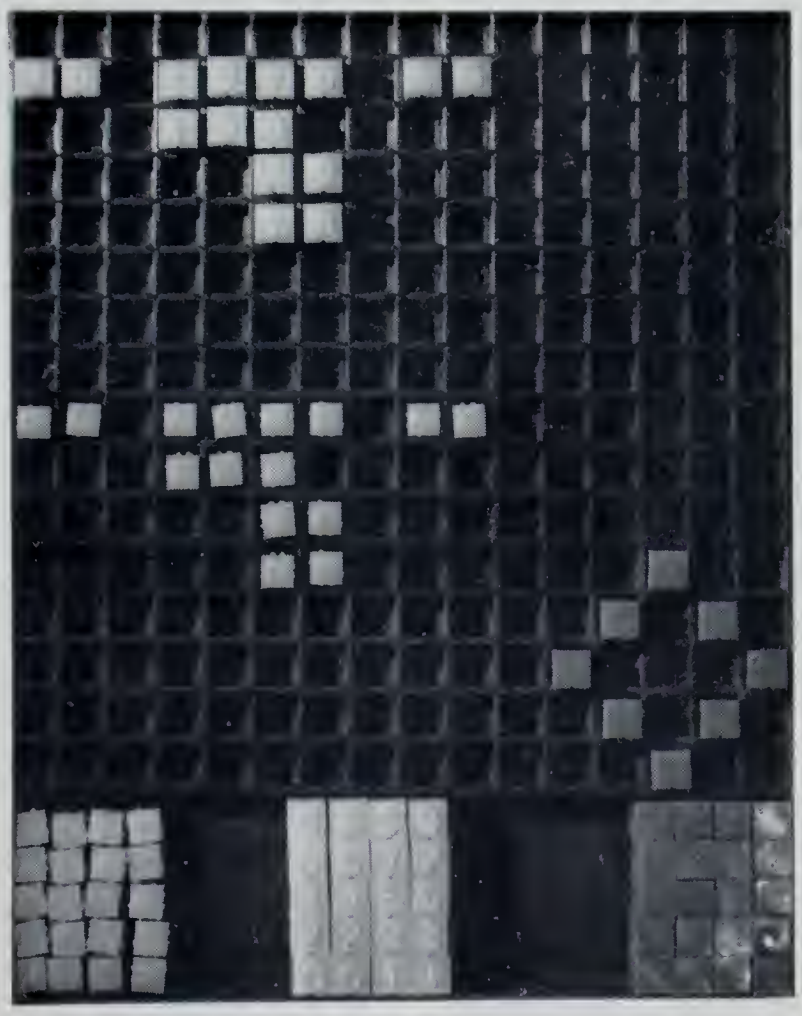
Windmill

Chair

Turnstile

Rake

Cubarithm or Arabic Numeral Arithmetic Type Slate and Kindergarten Peg Board



Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

This device consists of a plastic type frame, with which can be used either plastic Braille cubarithm cubes or 24-point plastic Gothic numeral type (for arithmetical calculations), or square, plastic pegs (as a kindergarten pegboard).

The frame itself is molded from semi-rigid red vinyl plastic, and is 8½"x7". There are 256 cells in the frame (16x16), each cell being 5/16" by 5/16" square, and a tray at one end for holding the type when the frame is in use. The purpose of making the frame from semi-rigid vinyl plastic is to reduce the noise when working with the type.

To use the device as an *arithmetic slate*, either of two kinds of type can be employed:

Braille Cubarithm Cubes — Made of hard yellow vinyl plastic, 5/16"x5/16"x 5/16 in size. Each type is identical to the others, and contains the Braille digits from 1 to 9 and 0 on five of the faces when properly positioned, plus one blank side which can be used for various other purposes.

24-Point Gothic Arabic Numerals — Made of hard yellow vinyl plastic, 5/16 x5/16"x7/16". The set consists of 15 each of the digits from 1 to 9 and 0. In addition to being used in mathematical calculations, this set of type is useful for teaching the shape of ink-print numerals to blind children.

To use the device as a *kindergarten pegboard*, square pegs made of hard blue vinyl plastic are employed, each peg being 5/16 x5/16"x7/16" in size.

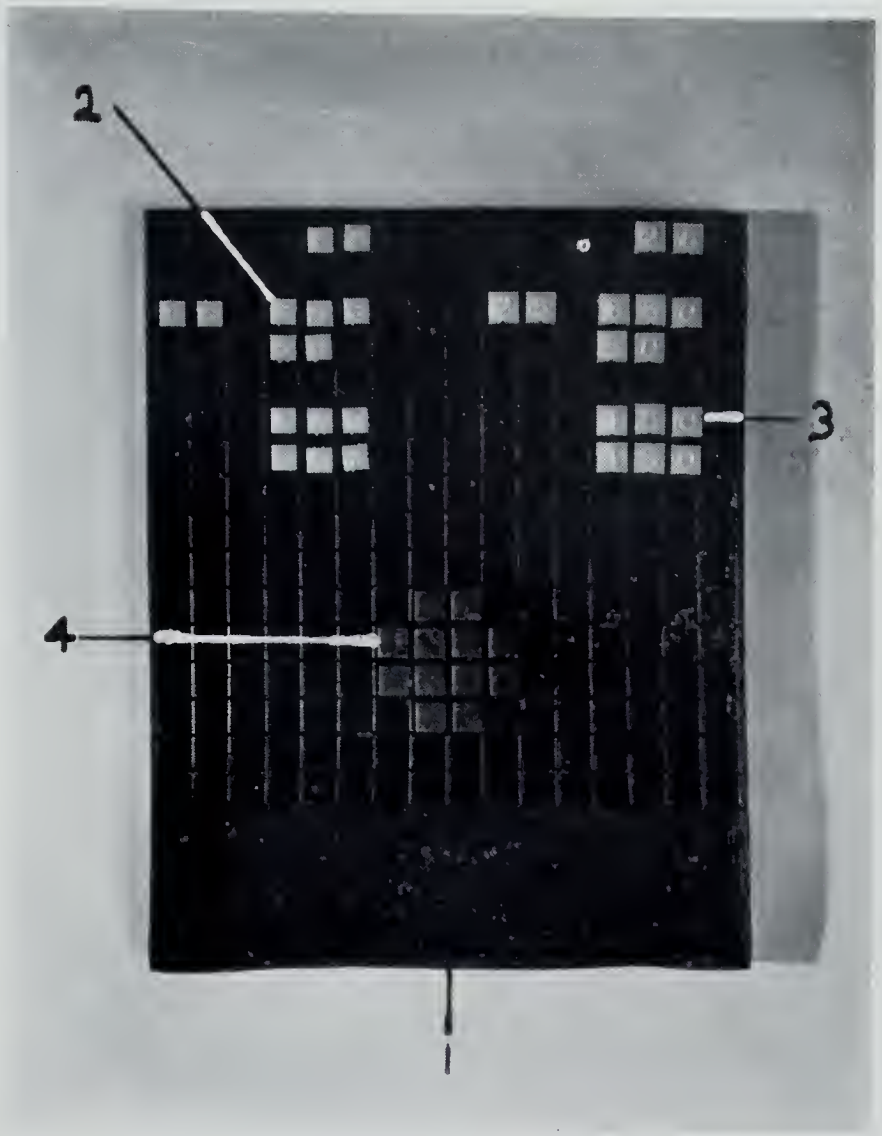
The frame and three sets of type can be purchased separately or in combination, priced as follows, postpaid in the United States:

Frame—$2.07.

Braille cubarithm cubes (set of 150)—$2.57.

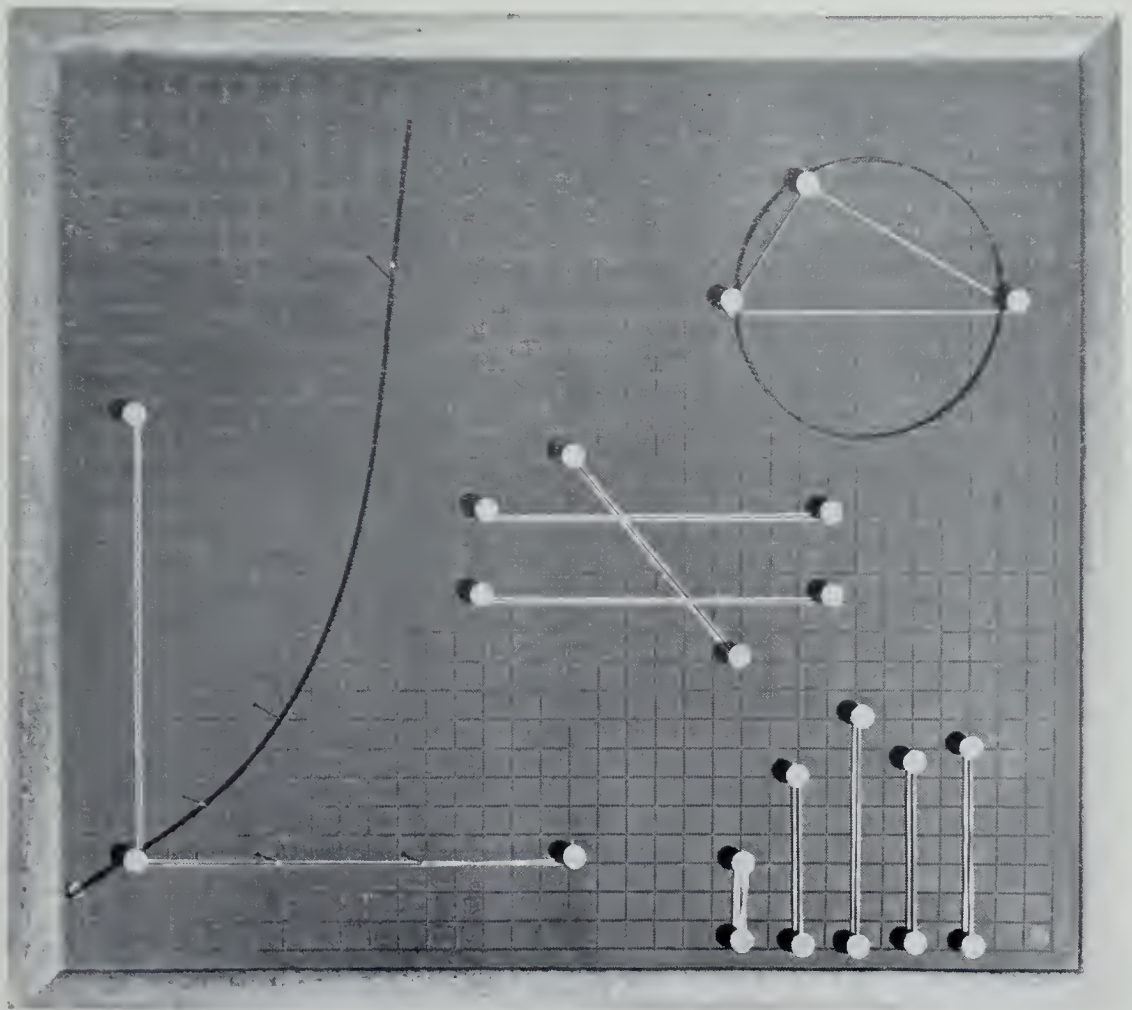
Arabic numerals (set of 150—15 of each digit 1 to 9, plus 0)—$2.57.

Kindergarten pegs (set of 150)—~~$2.57.~~ 1.57



1. Red semi-rigid vinyl frame with square holes.
2. Braille cubarithm Cubes—made of hard yellow vinyl plastic.
3. 24-point gothic Arabic numerals—made of hard yellow vinyl plastic.
4. Kindergarten pegs—made of hard blue vinyl plastic.

Graphic Aid For Mathematics



Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

Graphic aid for Mathematics

The Graphic Aid for Mathematics consists of a cork composition board (18″ x 19″ x 1″) on the surface of which has been mounted a synthetic moulded rubber mat embossed with vertical and horizontal lines spaced ½″ apart. Accompanying the board is a supply of plastic-headed pins, rubber bands, and flat spring wires. These are to be used in the construction of geometrical and other mathematical figures on the face of the board by inserting the push-pins at various coordinates and connecting these points with rubber bands (for lines) or the flat spring wires (for circles and arcs), as shown in the photograph. With the use of this board, students will be able to construct any plane geometrical figure necessary for the study of arithmetic, algebra, plane geometry, trigonometry, analytical geometry and differential and integral calculus. It can also be used to construct bar and circle graphs, and as a game for younger children.

The price of the Graphic Aid is ~~$8.00~~ 10.00 (plus shipping charges on 5 pounds and insurance.) Each set consists of the following items:

1 board 18″ x 19″ x 1″
1 cylindrical container holding:
  3 flat spring wires
  14 plastic-headed push pins
  A supply of rubber bands

IMOUT GAME

BRAILLE EDITION

Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

IMOUT is an educational game designed for drill in the quick recognition of fractions of equal value, e.g., 15/20 is the same as 3/4, or 6/18 is the same as 1/3. The Braille edition, adapted from the original ink-print edition by permission of the author, consists of 20 corrugated boards (6 inches x 9-1/2 inches in size) covered with heavy glazed paper on which have been printed, in both Braille and large type form, five columns of fractions, five to a column. The columns are headed (in Braille and ink print) with the five letters of the word "IMOUT", and holes have been punched in the center of each fraction in each column for the insertion of small pegs.

The game itself is played in a manner similar to bingo. A box of 150 small cardboard squares, each overprinted in both Braille and large type with one of the letters of "IMOUT" plus a fraction, is provided for drawing. As each square is drawn from the box, the letter and fraction printed thereon is called aloud, whereupon each player reads down the column headed by the appropriate letter to see if his card contains the same fraction or one of equal value. If so, he inserts a peg in the proper hole. To win, a player must have five pegs in a row, horizontally, vertically, or diagonally from one corner to another.

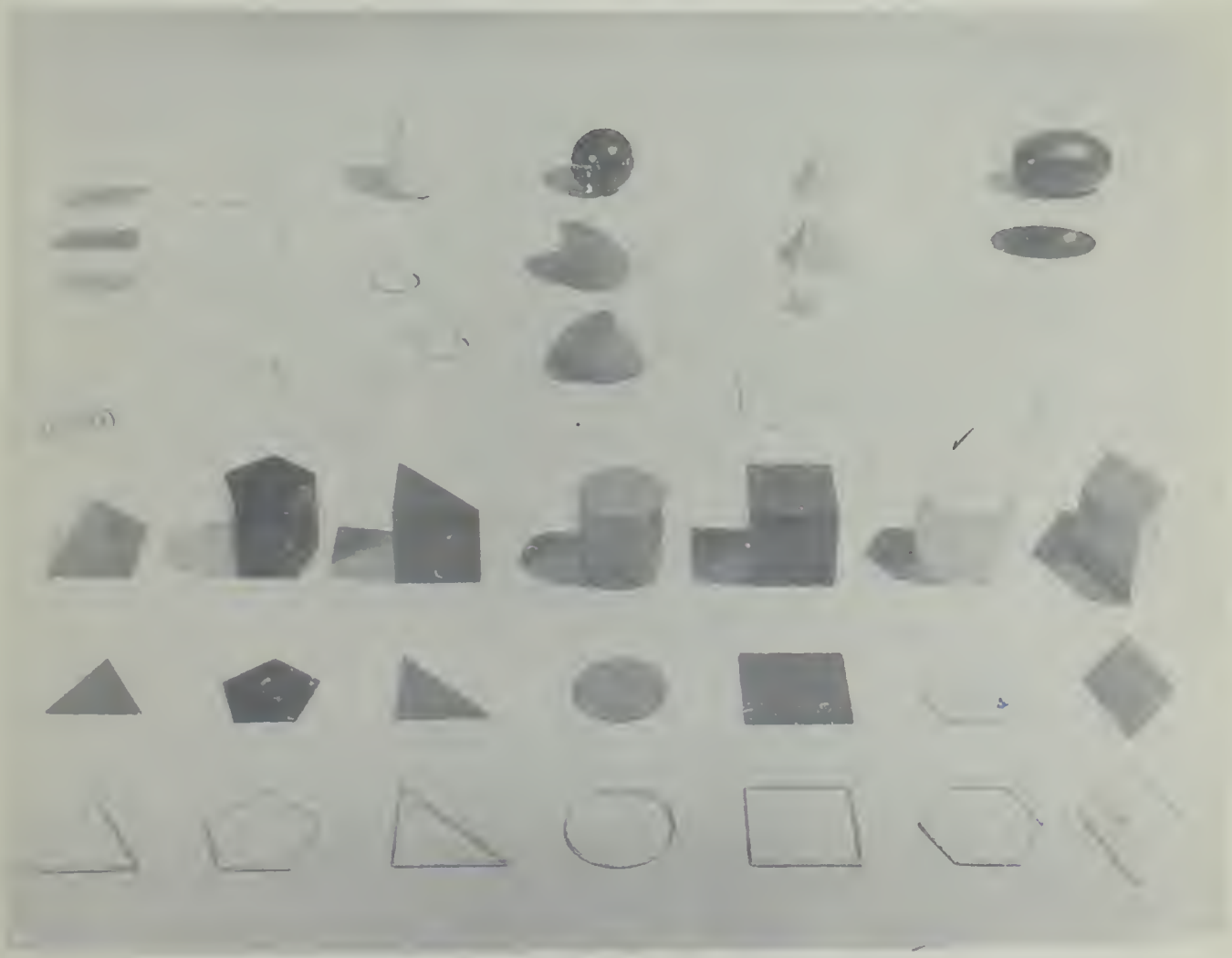
The entire game is priced at $5.75, plus insurance and shipping charges on six pounds, and consists of the following items:

20 cards (6 inches x 9-1/2 inches)
159 squares for drawing (in a box)
1 box of approximately 120 pegs
1 extra box to hold squares as they are drawn, so that any player's card can easily be checked.

MITCHELL WIRE FORMS

WITH

MATCHED PLANES AND VOLUMES



Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

MITCHELL WIRE FORMS

WITH

MATCHED PLANES AND VOLUMES

The Mitchell Forms consist of a set of geometric figures illustrating outline forms, planes and volumes commonly found in geometric problems. Corresponding figures in all three forms have been built to the same scale (the cube is 3" x 3" x 3"), so that the wire frames will fit over the planes of the same shape as well as over the planes of the solids of the same shape, and the planes themselves are of the same shape and size as the same planes on corresponding solids. The volumes have been manufactured of hard wood brightly painted in various colors, and the planes made of wood composition painted in colors corresponding to those of their respective volumes. The wire outlines have been fabricated from ⅛" cadmium-plated steel wire.

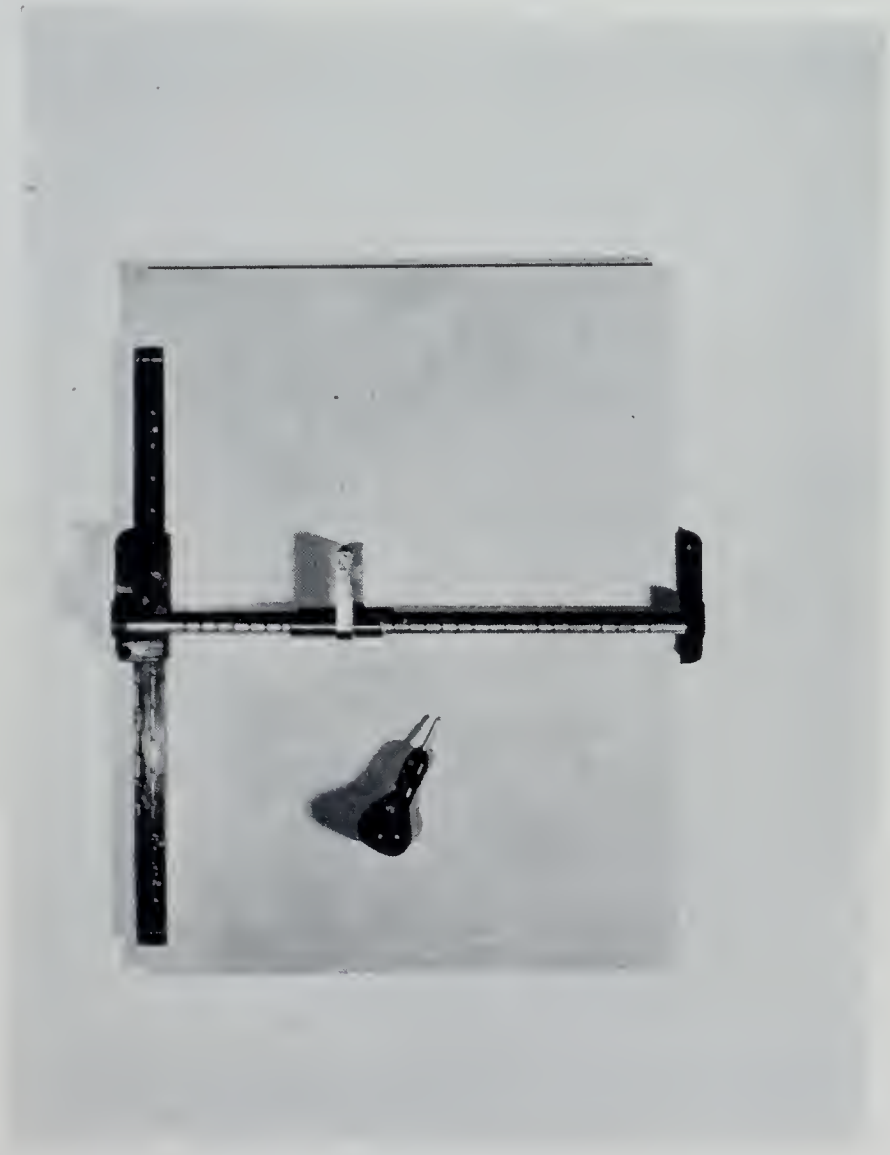
The entire set is priced at $35.00 (plus shipping charges on 35 pounds and insurance) and consists of the following items, as shown in the accompanying photograph:

15 solids (including 2 parts each for the truncated cylinder and the truncated cone)
11 planes (each ⅛" thick)
21 wire frames.
These forms are sold in complete sets only.

Credit for the original design of the Mitchell Forms should be given to Mr. Paul C. Mitchell, Assistant Principal, New York Institute for the Education of the Blind, New York, New York.

The Hoff Aid

(Upward-writing Slate)



Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

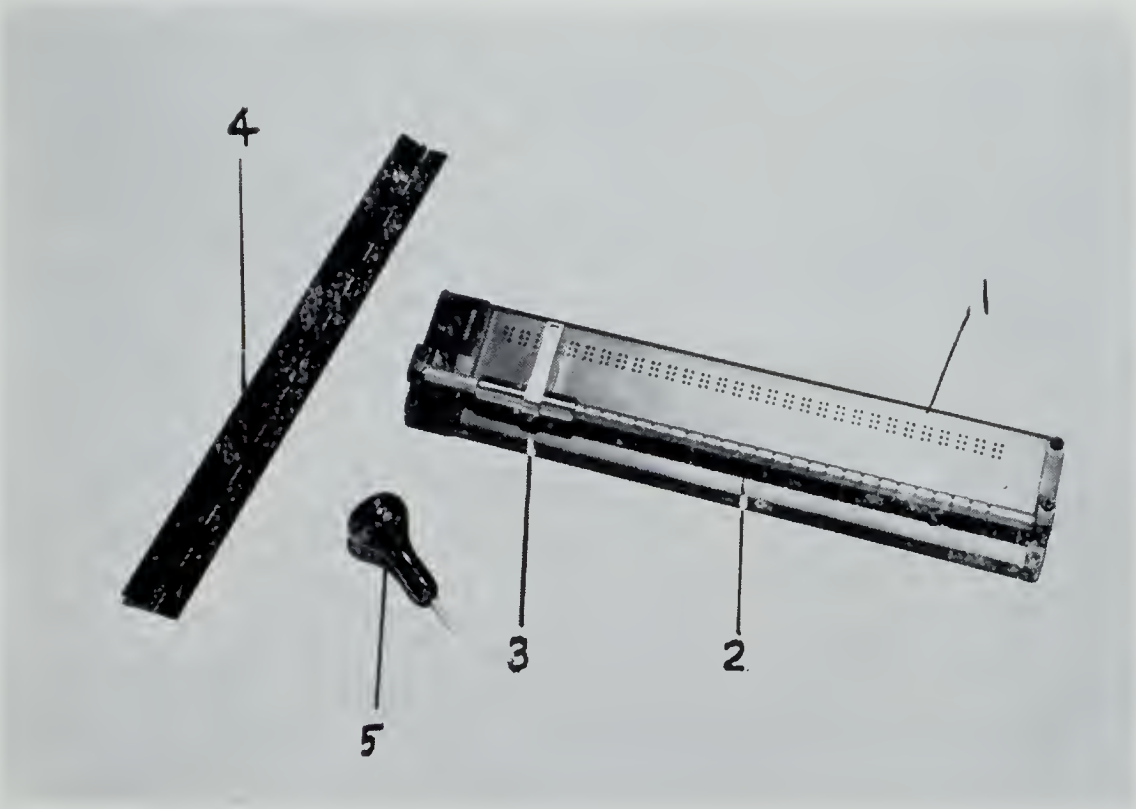
Louisville 6, Kentucky

The Hoff Aid is in the nature of an upward-writing slate, and is designed primarily for use in making mathematical calculations on paper. Its main advantage lies in the fact that it permits examination of the Brailled characters at all times without having to remove the paper from the slate. It is not designed for taking notes and the like, since it does not permit of the necessary speed in writing.

The device consists of a flat sheet of black metal, 9¼" long by 2⅛" wide, on which a single line of 30 6-dot Braille cells have been stamped with the dots pointing upward. Mounted over the frame is a round steel bar along which a movable die-box is made to travel over the raised line of dots by pushing with the finger after each Braille character is punched. The steel rod itself is slotted at ¼" intervals so as to position the die-box over the Braille dots for writing cell by cell. The die-box is fitted with 6 inverted, conically-shaped caps the size of Braille dots, which are held in place by small springs and are arranged to fit down over the Braille dots below when depressed. A regular Braille stylus is used to push the caps down over the raised dots, with the paper between, to form the Braille characters. The paper itself is mounted in a hinged metal line-index paper feed, which is in turn slipped into the slate at the left between the bottom of the slate and the rod with the movable die-box. The movable die-box can be pushed from left to right as desired, and the line-index paper feed (with the paper) can be moved up and down at will to give proper line spacing. Further, if desired, the die-box can be flipped back from over the line of writing to permit easy reading of calculations already written. When not in use, the line-index paper feed can be fitted under two clamps under the bottom of the slate, so as not to become separated from the frame.

The maximum size of paper which can be used with the Hoff Aid is 8½"x9½", providing for 16 Braille lines of 30 cells to the line.

Price—~~$12.16.~~ 15.16 postpaid in the United States.



1. Line of upward-pointing dots.
2. Slotted steel bar over which movable diebox runs.
3. Movable diebox.
4. Hinged line-index paper feed.
5. Stylus.

Kine Mltply Vizr

("Are You Bright as a Bunny?")

Manufactured by

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

Designed as an incentive to learning the multiplication tables, squares and cubes through No. 12, the Kine Mltply Vizr consists of a thick cardboard, 11″x11″ square, on which has been mounted a bright red plastic wheel embossed with the numbers and fitted with fluted edges for manual turning and a gear mechanism to position the wheel for reading. Over the face of the wheel is a sheet of heavy paper with a V-shaped hole cut out at the top so that the Braille numbers can be read when the wheel has been turned to the proper position for the desired table.

On the top sheet of paper (over the wheel) the numbers from 1 to 12 are written on either side of the V-shaped hole between the ears of the bunny, the odd numbers being on the left-hand side and the even numbers on the right-hand side. To use the device, say to find the Table of 8's, the red wheel is turned until the No. 8 comes into position on the plastic wheel at the bottom left-hand corner of the V, with the multiplication sign (dots 1-6) at the bottom right-hand corner (see picture on front). To find the product of "8x9," find the No. 9 second from the top of the left-hand column on the top yellow sheet, and then read No. 72 immediately to its right on the red plastic wheel in the slot. Similarly to find the product of "8x12," find the No. 12 at the top of the right-hand column on the yellow facing sheet. and read No. 96 immediately to its left on the red plastic wheel in the slot.

Price—$2.07, postpaid in the United States.

Credit for the original design of the Kine Mltply Vizr should be given to G. Gilbert Scott, of Los Angeles, California, who designed the device in ink-print for seeing children.

APH Talking Book Reproducer Model L-5

Manufactured by the

The American Printing House For The Blind

1839 Frankfort Avenue

Louisville 6, Kentucky

The APH Model L-5 Talking Book Reproducer is a three-speed machine which will play 33-1/3, 45 and 78 r.p.m. The machine is a portable model weighing 21 pounds (26 pounds packed for shipment). The wooden frame is covered with imitation leather. The speaker is mounted in the cover which is detachable from the bottom with a sufficient length of cord so that it can be placed as much as 8 feet distance from the machine itself.

This model machine has been provided with a Model 99-80-S turnover ceramic reproducer cartridge, so that it is suitable for use in all types of climate. The cartridge is equipped with dual sapphire needles so that it can play effectively both the older type wide-grooved Talking book records as well as the newer fine-line microgroove records. The *needle-change lever* (No. 1) is found on the pick-up arm at the location of the cartridge. When this lever is pointing toward the center of the record, it is adjusted for the new fine-groove records. When the older records are played, the needle-change lever should be pushed downward and up on the side of the arm away from the center of the record. With moderate care and usage, these needles will last for several years. If the needles become damaged, they can be replaced at a nominal cost by any local radio service company. (Use either the needle for Model 9980-S Sonotone cartridge or Jansen needle S-66). Needles can also be ordered from the Printing House (price $1.85 postpaid). However, it is always well to have a local radio repair man make the actual replacement of the needle cartridge.

The Model L-5 is designed to operate on 110-120 volts, 60 cycles, A.C. current only. The power consumption is 70 watts. A *fuse* (No. 2) receptacle is located on the motorboard. If replacement of fuse should be necessary, use only an AGC-1, 250-volt fuse. One spare fuse is supplied with each new machine, to be found in the open receptacle on the motorboard when the machine is shipped.

There are four controls (for numbers, refer to picture):

a. *Volume control* (No. 3)—This knob controls the loudness

of the speaking. It also turns off the power when turned to the maximum counterclockwise position. It should always be in this position when the reproducer is not in use.

b. *Toggle switch* (No. 4)—This is used to stop the turntable when changing records. It does not turn off the power to the amplifier.

c. *Tone control* (No. 5)—The right-hand knob. Turn the knob clockwise to increase depth of voice, counterclockwise to obtain higher frequencies of voice.

d. *Turntable speed lever* (No. 6)—This is located at the left of the turntable. Speeds of 33-1/3, 45 and 78 r.p.m., as well as "off", are indicated. When the machine is not in use for a long period of time, this lever should be turned to the "off" position. Intermediate speeds are not available. (A plastic bushing is provided to adapt the turntable to 45 r.p.m.)

A *jack* (No. 7) for a speaker plug is located on the motorboard. Earphones for use with this machine should be purchased from a local radio store (or at the APH—price $4.25 postpaid), if it is desired to substitute earphones for the speaker. Such earphones must be equipped with a plug (Mallory Catalog No. 75 or equivalent).

All Model L-5 machines can be used in the tropics, semitropics, or locations where high heat and humidity are encountered, as well as in normal climates. This reproducer is not, however, designed to reproduce Soundscriber records, although it may be possible to play some records of this type on this machine.

Price—$60.00, plus insurance and express on 26 pounds from Louisville to destination.

erican Printing House for the Blind
INCORPORATED
FINIS E. DAVIS, SUPERINTENDENT
9 FRANKFORT AVENUE LOUISVILLE 6, KY.

LARGE TYPE WRITING PAPER

Attached herewith is a sample of our writing paper for partially sighted children. This buff-colored paper, printed with heavy lines in green ink 3/4" apart running either the long way or the short way on 9" by 12" sheets, is sold unpadded in one pound packages for 35¢ each plus postage. The following table lists postage charges according to zones from Louisville:

Zones	1	2	3	4	5	6	7	8
Postage (per 1 lb.)	.27	.27	.29	.31	.36	.40	.46	.51

When ordering, please be sure to state whether you want the lines running the long way of the paper or the short way.

American Printing House for the Blind
INCORPORATED
FINIS E. DAVIS, SUPERINTENDENT
1839 FRANKFORT AVENUE LOUISVILLE 6, KY.

3/6 15

NOTEBOOKS AND BRAILLE PAPER FILLERS

The notebooks, which come in four sizes, are made of extra heavy cardboard which is covered with a good grade of waterproof, imitation leather. The strong metal binder has three $1\frac{1}{4}$" rings. Because of the quality of the materials used in the notebooks, they are durable and substantial, and are superior for use with Braille paper.

The filler is cut from our regular brown magazine paper which is of sufficient weight for most writing done with either slate or Braillewriter. The holes are punched with a center to center distance of $4\frac{1}{4}$ inches.

SIZES

The notebooks are made for use with paper cut in the following sizes:

8" x 12" (for use with a 27 or 28 cell slate)
9" x 12" (for use with a 27 or 28 cell slate)
10" x 12" (for use with a 37 cell slate or Braillewriter)
11" x 11" (book-size for hand-transcribed materials)

PRICES

Notebook with 3 pounds of filler (any one of the four sizes)	$2.86 postpaid
Notebook only (any one of the four sizes).	1.86 postpaid
Filler only, 3-pound package (any one of the four sizes). . .	1.00 postpaid
	1.75 Deluxe
	1.00 "

APPROXIMATE NUMBER OF SHEETS OF PAPER IN A 3-POUND PACKAGE OF FILLER

8" x 12" - 165
9" x 12" - 156
10" x 12" - 145
11" x 11" - 135